By Prof. W. F. MASSEY



Mixers, can be made of great use in the hands of a good farmer when rightly used, and can be made, and often is made, the means for soil exhaustion in the hands of farmers who consider fertilizer merely as a means for temporarily galvanizing an exhausted soil into some sort of production. Chemical fertilizers can be made the most rapid and efficient means for building up the soil, by a proper rotation of crops, but used as they have been by thousands of Southern farmers, they have been the means for making the soil and the farmer poor. The farmer who farms in a good rotation, grows an abundance of legume crops that are crimson clover seed in the chaff worth?" It is usual to sow in the same of the land than getting a wheat crop, sow crimson clover is rather the improvement of the land than getting a wheat crop, sow crimson clover in garden to the improvement of the land than getting a wheat crop, sow crimson clover in garden to the improvement of the land than getting a wheat crop, sow crimson clover in garden to the improvement of the land than getting a wheat crop, sow crimson clover in garden to improve ment of the land than getting a wheat crop, sow crimson clover in garden to improve ment of the land than getting a wheat crop, sow crimson clover in garden to make trop, sow crimson clover in garden the improvement of the land than getting a wheat crop, sow crimson clover in garden to make trop, sow crimson clover in garden the improvement of the land than getting a wheat crop, sow crimson clover in garden the improvement of the land than getting a wheat crop, sow crimson clover in garden to make the improvement of the land than getting a wheat crop, sow crimson clover in garden to make the improvement lover in ga er who farms in a good rotation, an abundance of legume crops feeds them and saves and returns

abandened the purchase of ammoniated fertilizers, and most of them use an acre. with more valuable crops like truck crops and tobacco, may demand heavier omplete fertilization, but the gra'n

she creame matter. But peas, soon among corn, will increase the crop and the crop of the state of the crop of the crop of the state of the crop of the crop of the state of the crop of the c

by dividing the old plants. You can get plants now in small pots from wheat Henry A. Dreer, No. 714 Chestnut and get a hay crop and put the land in wheat again this and a dozen plants will soon give you fall?" I suppose a large quantity of sage, and you can that you can, on soon get a large plantation. I have House of Delegates there were two cut the millet as this sage now growing in my garden candidates—George L. Browning and soon as the heads and have quit the sowing of seed, for Barclay Taliaferro. Mr. Browning was are out. But if you the leaves of this sage are larger than two of the old sage and can be cut several times during the summer, and several times during the summer.

w. F. Mussey. let the seed form it will be dangerous feed for norses. Far better, so far as the wheat is concerned, it would be to sow Whippoorwill peas on the wheat stubble and give them a good dressing of acid phosphate, and you can get a bay crop worth three times as much as the millet, and then can disk the stubble fine and get a better crop of wheat than you could after an exhaustive crop like millet.

Nitrate of Soda.

"I wish to sow this summer cowpeas on a piece of run-down upland, of good natural quality, but hadly treated. What commercial fertilizer should I use, and what crop should follow the peas." Break the land well and then harrow in 300 pounds of acid phosphate and twenty-live pounds of muriple there any truth in this?" Injudicious tuse of any chemical fertilizer, meriple to increase the sale crops, without any effort towards the permanent improve ment of the land, will tend to soil exhaustion. Nitrate of soda increases the vital activity of the crop, and enables the plants to draw more heavily of the crop, and enables the plants to draw more heavily on the matural supply of plant food in the soil, and hence will tend to coll exhaustion if no effort is made to increase the hums in the soil and the total dependence is on fertilizers. Nitrate of soda, like all chemical fertilizers, in the form of soda, and you can sow wheat and make a far better crop than by replowing the hums in the soil and the total dependence is on fertilizers. Nitrate of soda, like all chemical fertilizers, in the form of the land deeply at that time. But use the land deeply at that time, But use of soda, like all chemical fertilizers, in the form of the land deeply at that time, But use the disk thoroughly and make the surface fine and apply 40 in the soil, and then with the disk harrow in the soil and the total dependence is on fertilizers. Nitrate of soda, like all chemical fertiles are the hums in the soil and the thought of the county of special points and the declared the permanent improve the permanent cowpeas.

The t total dependence is on fertilizers. Ni-trate of sods, like all chemical ferti-lizers, can be made of great use in the hands of a good farmer when rightly the improvement of the land than get-

"What are crimson clover seed in the chaff worth?" It is usual to sow in the chaff four times the weight usually and feeds them and saves and returns also manura to the land, will never need to buy nitrate of soda nor any other form of nitrogen in a fertilizer for the usual farm grain crops.

In the best wheat-growing section of Maryland, the farmers have largely shandened the purchase of ammont. tion. But sow at least forty pounds

that on the wheat, their money crop.
And since adopting this practice the wheat crop of that section has been largely increased. A fertilizer manufacturer in Baltimore told me that over follow in the runs and do the damfacturer in Bailimore told me that over 50 per cent of the fertilizer sold to these wheat farmers contains no ammonia at all, as they do not want it, getting all they need in clover, peas and manure. No grain farmer ever needs to buy what he can get free, and make a need in the getting through from fire, even from a lighted cigar. and make a profit in the getting, through the legume crops. Special farming, with more valuable crops like truck is no fire.

From Hanover County: "Can I plant corn on the same field every year, pro-vided I sow crimson clover at the last working and turn it under the follow-Fixing Nitrogen.

An editor of a farm paper once told a reader that nitrogen is not fixed in the soil by legumes, as it would be washed away 'f this was the case, but is fixed in the legumes. This is true, but all the same the formation of the nitrates is made in the soil, and the legumes take it up, and any crop associated with them will get some. That fixed in the peas is, of course, then in the form of organic nitrogen that becomes available to crops in the decay and nitrification of the organic matter. But peas, sown among corn, will increase the crop of cent This was shown at the Kansas Station and the Cornell Station in New York, and I have proved it in my own experience.

But Dr. C. G. Honkins stated to me

Defeats Taliaferro by Vote of 455 to 178-Embrey Is Without Opposition.

for the good cause.

Bank Clearings.

New York. June 6.—Bank clearings in the United States for the week ending June 5 asgregate 53.217.337,000 against 33.025,177.000 last week and 33.659,516.000 in this week last year. Following are returns for this week with percentage of change from this week last year:

New York. \$1.581.096,000; decrease. 16.4.
Chicago, \$277,992,000; decrease. 10.5.
Boston, \$158,304,000; decrease. 10.5.
Boston, \$158,304,000; decrease. 10.5.
St. Louis, \$72,183.090; decrease. 11.7.
Pittsburgh, \$58,582,000; decrease. 12.3.
Kansns City, \$44,447,000; decrease. 14.7.
Baltimore, \$33,321,000; decrease. 18.3.
Chicinnati, \$23,089,000; decrease. 11.7.
Minneapolis, \$19,534,000; decrease. 12.2.
Los Angeles, \$21,000; decrease. 10.4.
Cleveland, \$22,211,000; decrease. 10.4.
Cleveland, \$22,211,000; decrease. 17.7.
New Orleans, \$17,576,000; increase. 17.2.
Omaha, \$16,291,000; decrease, 6.4.
Louisyille, \$17,15,000; decrease, 13.0.
Milwaukee, \$13,614,000; decrease, 15.0.
Milwaukee, \$13,614,000; decrease, 15.0.
Milwaukee, \$13,614,000; decrease, 13.1.
St. Paul, \$1,584,000; decrease, 13.1.
St. Paul, \$1,584,000; decrease, 13.1.
St. Paul, \$1,584,000; decrease, 24.3.
Buffalo, \$11,288,000; decrease, 24.3.
Buffalo, \$11,288,000; decrease, 24.3.
Buffalo, \$11,288,000; decrease, 24.3.
Buffalo, \$11,288,000; decrease, 20.9.
Indianapolis, \$5,450,000; decrease, 20.9.
Indianapolis, \$5,450,000; decrease, 20.6.
Memphis, \$5,450,000; decrease, 38.6.

Church Dotices

Das umph!"

Hans Dinkelspeil says -- "Das Gute Bier.

Better as in Deutschland germacht.

HANS DINKELSPEIL The Cheerful Philosopher

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At your Home, at the Club, Cafe, Restaurant or Hotel "Perfect Brew" will prove a pleasing, palatable relish to the meal a nutritive, health promoting refreshment at all times.

Served in Bottles Everywhere. Acquaintance makes it the First Thought of the Thirsty.

Have a case sent to your Home. Call Madison 5089.

Richmond Branch Temporary Depot Richmond Terminal Warehouse Monumental Brewing Co.

burg celebration of July 1, 2, 3 and 4 with the national government has provided a fund of \$300,000 to cover the burg celebration of July 1, 2, 3 and 4 with the national government has provided a fund of \$300,000 to cover the vided a fund of \$300,000 to cover the expenses. Counties and cities gen-erally through Virginia are providing

They cut down tire bills

V. V.'s Eyes

A NEW NOVEL BY THE AUTHOR OF "QUEED" IS NOW READY AT ALL BOOKSTORES.

The Keeley Cure fully used 33 years. Removes all desire for drink & drugs. 812 N. Broad St., Phila., Pa.

on Sunday, June 29, and will continue open until the following Sunday. July 6, no one: under any circumstances being allowed in the camp before or after those dates. The entire camp and arrangements are for veterans only. The hotel and other accommodations at Gettysburg are exceedingly limited.

J. Thompson Brown Tells of Plans for Encampment of 40,000 Veterans.

Official detailed plans for the Gettys.

Official detailed plans for the Gettys.

Official detailed plans for the Gettys.

Dominial detailed plans for the Gettys.

R. G. Dun's Review.

New York. June 6.—R. G. Dun's to-morrow will say:

More seasonable weather has had a favorable effect on retail distribution throughout the country, and while a slight recession in wholesale business is apparent in some sections of the West, reports from several centres show trade to be more active than a year ago. Trices on the New York Stock Exchange fell sharply, but this weakness was mainly due to the unloading of American securities by European holders as a result of the strained condition of the investment markets there, and in no way reflected any change in the mercantile or industrial situation in this country.

The government estimate of the condition of the cotton crop on May 55 was much lower than expected, but it is generally believed that the situation has improved materially since then. Needed rains have greatly benefited the crops in the Southwest.

New business in iron and sieel still falls short of production, but the mills have piently of orders on hand, and it is expected that active buying will be resumed before these become exhausted.

Cotton goods are in good demand, although buyers are still operating conservatively. Woolen mills have reduced activity, owing to tariff uncertainty, and slik mills on account of strikes, but stocks in all branches of the textile trade are abnormally low which will favor a prompt resumption of full time operations as soon as the present restraining influences are removed. Trade in leather and footwear is quiet.

Railroad gross earnings for four weeks in May increased 7.5 per cent. Bank exchanges for the month of May at 123 leading cities showed a decrease of 4.9 per cent as compared with last year, but a gain of 4.7 over May, 1911.

U. S. Circuit Court of Appeals.

The United States Circuit Court of Appeals reconvened yesterday morning at 10 o'clock, with Senior Circuit Judge Pritchard and District Judges Waddill and Connor sitting.

Argument on motion—No. 1153, Byrd

Argument on motion—No. 1153, Byrd Manufacturing Company, et al., appellants, vs. Barber-Colman Co., et al., appellees; appeal from United States District Court at Raleigh, N. C. On motion of appellants to prohibit District Court from taking any further proceedings in this cause pending appeal in this court, and on motion of appellees to increase supersedeas bond to \$20,000. Motions argued by Charles B. Brock, of Washington, D. C., for

Phone Madison 3400

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